



CERTIFIED MAIL
RETURN RECEIPT REQUESTED

February 7, 2014

Mr. Mark Miller
Virginia Department of Environmental Quality-Northern Regional Office
13901 Crown Court
Woodbridge, VA 22193

**Re: Dominion -- Possum Point Power Station -- Five Day Letter; VPDES
Permit VA0002071**

Dear Mr. Miller:

The following information is provided in accordance with Possum Point Power Station's VPDES permit VA0002071 Part II, Condition F. and G.

1. **Description of the nature and location of discharge:** Possum Point Power Station Unit 5's Cooling Tower make-up (untreated Potomac River water) water is pulled from the "Seal Pit" which is water discharged from Unit 3's once through condenser discharge (untreated Potomac River water). Unit 3 was offline during this event, however, water was passing through Unit 3's condenser. The Seal Pit also receives water from Unit 6's Cooling Tower Blowdown (treated effluent that has been de-chlorinated) on February 3, 2014, a leak developed on the Unit 5 Cooling Tower make-up water line during the recent extreme freezing temperatures. The leaking water entered one of storm water outfall S42's storm drain inlets and was discharged to the Potomac River. The above described water is permitted to discharge to the Quantico Creek via waste water Outfalls 001 and 002, and to the Potomac River via permitted Outfall 008.
2. **Cause of discharge:** Frozen piping which created a leak.
3. **Date on which the discharge occurred:** The discharge was discovered on Monday, February 3, 2014 at approximately 1300 hrs.
4. **Length of time that the discharge continued:** The exact length of time is unavailable, but is believed to have started sometime during the weekend of February 1st, as the temperature increased and the ice began melting.
5. **Volume of discharge:** Unknown. With the beginning date unknown and the rate of the leak unable to be estimated due to precipitation event that occurred during the same day as the discovery, the volume cannot be calculated.

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6. **If the discharge is continuing, how long is it expected to continue:** Ended at approximately 1630 hrs. on February 3, 2014.
7. **If the discharge is continuing, what is the expected total volume of the discharge to be:** N/A
8. **Describe any steps planned or taken to reduce, eliminate and prevent a reoccurrence of the present discharge or any future discharges not authorized by the above referenced permit:** Station personnel redirected the Unit 6 Cooling Tower Blowdown water from the Seal Pit to the discharge pipe of the Seal Pit on February 3, 2014 at approximately 1500 hrs. By 1615 hrs. on February 3rd, the Unit 5 Sandfilters, Unit 5 Make-up Pumps and Outfall 008 freeze protection pumps were taken out of service. At approximately 1630 hrs., the water flowing from the leak and into storm water Outfall S42's drain North of the Unit 5 Air Compressor room had stopped. The leaking section of piping is currently being cut and capped, which should prevent any future leaks.

If you have any questions and/or comments regarding this information, please contact Rick Woolard of Dominion Electric Environmental Services, at (804) 273-2991.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Cathy C. Taylor
Director, Electric Environmental Services

Cc: Susan Mackert
DEQ-Northern Regional Office
13901 Crown Court
Woodbridge, VA 22193

Mr. Mark Miller
February 6, 2014

File Name: **PP 2014 2-6 Five Day Ltr to DEQ**

Please send electronic renamed copy to:

Ed Baine

Pam Faggert

Sidney Bragg

Cathy Taylor

Karen Canody ✓

Glenn Johnson

Rick Woolard - *RKW*

Jeff Heffelman -

Jeff Marcell - *Approved via email*

Documentum: Possum Point P.S. / NPDES-Water / Incidents – Releases – Spills

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